

FORM PTO-1390 (Rev. 12-2001)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 411600-121	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
				10/508737	
INTERNATIONAL APPLICATION NO. PCT/DE03/00791		INTERNATIONAL FILING DATE March 12, 2003		PRIORITY DATE CLAIMED March 21, 2002	
TITLE OF INVENTION DEVICE AND PROCESS FOR LASER STRUCTURING FUNCTIONAL POLYMERS AND APPLICATIONS THEREOF					
APPLICANT(S) FOR DO/EO/US Adolf Bernds, Wolfgang Clemens, Hans-Klaus Roth, Mario Schrödner, and Ralf-Ingo Stohn					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p style="padding-left: 20px;">a. <input checked="" type="checkbox"/> is attached herewith (required only if not communicated by the International Bureau).</p> <p style="padding-left: 20px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="padding-left: 20px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p style="padding-left: 20px;">a. <input checked="" type="checkbox"/> is attached hereto.</p> <p style="padding-left: 20px;">b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="padding-left: 20px;">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p style="padding-left: 20px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="padding-left: 20px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="padding-left: 20px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern other document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 15(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>					

U.S. APPLICATION NO. (If known, see 37 CFR 1.51)

10/50877

INTERNATIONAL APPLICATION NO.
PCT/DE03/00791ATTORNEY'S DOCKET NUMBER
1000-12121. ☐ The following fees are submitted:**Basic National Fee (37 CFR 1.492(a)(1)-(5)):**Neither international preliminary examination fee (37 CFR 1.482) nor
international search fee (37 CFR 1.445(a)(2)) paid to USPTO and
International Search Report not prepared by the EPO and JPO.....

\$1080.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but International Search Report prepared by the EPO or JPO.....

\$920.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....

\$770.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provisions of PCT Article 33(1)-(4).....

\$730.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4).....

\$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =**CALCULATIONS PTO USE ONLY**

\$ 920.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS

NUMBER FILED

NUMBER EXTRA

RATE

\$

Total Claims

14 - 20 =

0

X \$18.00

\$ 0.00

Independent Claims

2 - 3 =

0

X \$86.00

\$ 0.00

MULTIPLE DEPENDENT CLAIM(S) (if applicable)

+ \$290.00

\$ 290.00

TOTAL OF ABOVE CALCULATIONS

=

\$ 1,210.00

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated
above are reduced by 1/2

+

\$

SUBTOTAL

=

\$ 605.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f))

\$

TOTAL NATIONAL FEE

=

\$ 605.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+

\$

TOTAL FEES ENCLOSED =

\$ 605.00

Amount to be
refunded:
charged:\$
\$

- a. ☒ A check no. _____ in the amount of **\$605.00** to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. **03-0678** in the amount of \$_____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
Deposit Account No. **03-0678**. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit Card**
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be
filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

William Squire
Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
5 Becker Farm
Roseland, New Jersey 07068

SIGNATURE

NAME

William Squire

REGISTRATION NUMBER 25,378

10/508737

DT04 Rec'd PCT/PTO 21 SEP 2004

Attorney Docket No. 411000-121

Customer No. 27162

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Patent Examining Operations**

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Application Transmittal Letter

Dear Sir:

Transmitted herewith for filing is the patent application of: Adolf Bernds, Wolfgang Clemens, Haus-Klaus Roth, Mario Schrodner, and Ralf-Ingo Stohn

entitled:

**DEVICE AND METHOD FOR LASER STRUCTURING FUNCTIONAL POLYMERS AND
THE USES THEREOF**

Enclosed with the application are:

1. Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371;
2. Copy of Published International Application No. WO 03/080285;
3. Certified copy of translation of application PCT/DE03/00791;
4. Unexecuted Declaration and Power of Attorney of the inventors;
5. Preliminary Amendment;
6. Preliminary Examination Report;
7. Information Disclosure Statement with Form 1449;
8. International Search Report;
9. Our check no. in the amount of \$ 605.00;
10. Self-addressed, postage paid, return receipt postcard;
11. Priority is claimed on German application no. 102 12 639.9 filed March 21, 2002, and PCT/DE03/00791 filed March 12, 2003.

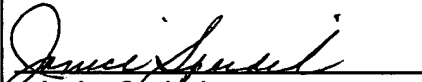
The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR 1.16 associated with this communication or credit any overpayment to Deposit Account No. 03-0678.

EXPRESS MAIL CERTIFICATE

Express Mail Label No. EV 539587775US
Deposit Date: September 21, 2004

I hereby certify that this paper and the attachments hereto are being deposited today with the U.S. Postal Service "Express Mail Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450


Janice Speidel

9/21/2004
Date

#232560

Respectfully submitted,
Adolf Bernds et al.


William Squire, Esq.
Reg. No. 25,378
Attorney for Applicants
CARELLA, BYRNE, BAIN, GILFILLAN,
CECCHI, STEWART & OLSTEIN
5 Becker Farm Road
Roseland, NJ 07068
Tel. No.: (973) 994-1700
Fax No.: (973) 994-1744
Email: wsquire@carellabyrne.com